eRA — Powering the advancement of science
Electronic Research Administration
NIH Office of Extramural Research
http://era.nih.gov

Web Services
FCOI Services Web Service
Version 1.0

Prepared For:

The National Institutes of Health
Office of Extramural Research
6705 Rockledge Drive

Rockville MD 20817

Document History

Document Location

Ensure that this document is current. Printed documents and locally copied files may become obsolete due to changes to the master document. The original source of the document is located in the eRA project's documentation repository in ClearCase: Apps\eRAExchange\docs\3.analysis&design\design\ eai.eSub.FCOI.service.ws.doc

Revision History

Version Number	Revision Date	Author	Summary of Changes
1.0	01/26/09	eRA Team 1	Initial Version created

Table of Contents

1.   PURPOSE

The purpose of this document is to provide a general description of the FCOI Services Web Service.

2.   GENERAL DESCRIPTION

The FCOI Services web service processes an agency update upload by eRA ExchangeServices. The processing includes validation of the input stream and saving the data in the eRA database.

3.   OPERATIONS

There are two operations in the Agency Services web service:

- getFCOIData
    - o   Retrieves FCOI records updated during the last "n" hours. "n" is property-driven.
- s   etFCOIStatus
    - o   Sets new status for the existing FCOI record.

4.   INPUT SCHEMAS

- getFCOIData
    - o   Input (case insensitive)
        - *   FCOIGetDataRequest data that includes trading partner id, duns id, and password.
    - o Output
        - *   A list of FCOIRecords which include FCOI id, grantee institution, institution action, grant number, investigator name, subrecipient, officials name, officials title, officials contact info, comments, disclosure date, and a list of FCOI attachments.
- s   etFCOIStatus
    - o   Input (case insensitive)
        - *   FCOISetStatusRequest data that includes FCOI id and FCOI status.
    - o Output
        - *   FCOISetStatusResponse data that includes a success flag along with a list of error messages and their associated types.

5.   OUTPUT SCHEMAS

- getFCOIData
    - *   A list of FCOIRecords which include FCOI id, grantee institution, institution action, grant number, investigator name, subrecipient, officials name, officials title, officials contact info, comments, disclosure date, and a list of FCOI attachments.
- s   etFCOIStatus
    - *   FCOISetStatusResponse data that includes a success flag along with a list of error messages and their associated types.

6.   USE CASES

- getFCOIData
    - o   An FCOIGetDataRequest message is received and a list of FCOI records is returned. System checks to see whether the user is authorized to get the FCOI data. If authorized, then the system retrieves the FCOI data related to the input request from the eRA database.
- s   etFCOIStatus
    - o   An FCOISetStatusRequest message is received and a list of error messages and a success flag is returned. System checks to see whether the user is authorized to set the FCOI status. If authorized, then the system updates the FCOI status for the received FCOI id in the eRA database.

7.   HOW TO ACCESS

WSDL for Invoking the web service

- Develo   pment -- https://webappdev1.era.nih.gov/eraexchange/FCOIServices?wsdl
- Produ   ction -- https://esub.era.nih.gov/eraexchange/FCOIServices?wsdl